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Sheet 1 of 1

Complete If Known

Application Number	09/905,755
Filing Date	July 13, 2001
First Named Inventor	Jing Cheng et al.
Group Art Unit	1753
Examiner Name	Jeffrey Thomas Barton
Attorney Docket Number	612404-377 (prev 265/247)

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ² (if known)		
JS	US-6,245,508	B1	Heller et al.	06/12/2001
	US-6,254,827	B1	Ackley et al.	07/03/2001
	US-6,518,022	B1	Sosnowski et al.	02/11/2003
	US-6,726,880	B1	Ackley et al.	04/27/2004
	US-2001/0045359	A1	Cheng et al.	11/29/2001
	US-2003/0146145	A1	Krotz et al.	08/07/2003
	US-2004/0011650	A1	Zenhausen et al.	01/22/2004

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ₆
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Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JS	Yang, et al., "An Integrated, Stacked Microlaboratory For Biological Agent Detection With DNA and Immunoassays", Biosensors and Bioelectronics, 17, 2002, 605-618.	

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ATTY. DOCKEY, D.
612404-377 (formerly
265/247)SERIAL NO.
09/905,755APPLICANT:
Cheng J.FILING DATE:
July 13, 2001GROUP:
1753

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

95	CHENG, J. et al., "Preparation & Hybridization Analysis OF DNA/RNA From E.coli On Microfabricated Bioelectronic Chips", Nature/Biotechnology, vol. 16, 1998, 541-546.
	EDMAN, C.F. et al., "Electric field directed nucleic acid hybridization on microchips", Nucleic Acids Research, vol. 25, no. 24, 1997, 4907-4914.
	FUHR, G., "Cell Manipulation and Cultivation Under AC Electric Field Influence in Highly Conductive Culture Media", Biochem. Biophys. Acta, vol. 1158, 1993, 40-46.
	GILLES, P.N., et al, "Single Nucleotide Polymorphic Discrimination By An Electronic Dot Blot Assay On Semiconductor Chips", Nature/Biotechnology, vol. 17, no. 4, 1999, 365-370.
	HELLER, M.J., "An Active Microelectronics Device For Multiplex Analysis", IEEE Engineering in Medicine & Biology, March/April 1996, 100-104.
	HUANG, Y. et al., "Electric Manipulation Of Bioparticles & Macromolecules On Microfabricated Electrodes", Analytical Chemistry, vol. 73, no. 7, 2001, 1549-1559.
	MANZ, A., et al, "Miniaturized Total Chemical Analysis System: A Novel Concept For Chemical Sensing", Sensors & Actuators B1, 1990, 244-248.
	SCANNING LASER MICROSCOPY LAB, Web Site print-out, http://www.science.uwaterloo.ca/research_groups/confocal , 1997.
	SOSNOWSKI, R. et al., "Rapid determination of single base mismatch mutations in DNA hybrids by direct electric field control", Proc. Natl. Acad. Sci. USA, vol. 94, February 1997, 1119-1123.
	WANG, X., "A Unified Theory of Dielectrophoresis and Travelling Wave Dielectrophoresis", J. Phys. D: Appl. Phys., vol. 27, 1994, 1571-1574.
	WASHIZU, M., "Molecular Dielectrophoresis of Biopolymers", IEEE Trans. Industry Applicat., vol. 30, 1994, 835-843.
95	WILSON, T AND SHEPPARD, C., "Theory and Practice of Scanning Optical Microscopy", Academic Press, 1984 (ISBN-0-12-757760-2).

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